

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
28 August 2003 (28.08.2003)

PCT

(10) International Publication Number  
**WO 03/070785 A1**

(51) International Patent Classification<sup>7</sup>:  
C08C 19/30, C08G 85/00

C08F 8/30,

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(21) International Application Number: PCT/NL03/00132

(22) International Filing Date: 20 February 2003 (20.02.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
1020031 21 February 2002 (21.02.2002) NL

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(81) Designated States (national): AE, AG, AL, AM, AT, AU,  
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,  
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,  
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,  
MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE,  
SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ,  
VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM,  
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),  
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,  
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI,  
SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN,  
GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PROCESS FOR THE PREPARATION OF A FUNCTIONALIZED POLYMERS AND INTERMEDIATE PRODUCTS, COMPOSITIONS AND SHAPED PARTS

(57) Abstract: Process for the preparation of a functionalized polymer containing an additive, in which process there is formed a compound that contains, besides at least one blocked isocyanate group, a free amino, hydroxy or carboxy group; this compound is linked to an additive via the free amino, hydroxy or carboxy group in the additive; this additive linked to the compound mentioned is contacted with a polymer that contains at least one free amino or hydroxyl group, at a temperature above the polymer's melting point and at least above (150) °C, such that the blocked isocyanate group reacts with the free amino or hydroxy group of the polymer to form the functionalized polymer. The invention also relates to the intermediate products formed in the process and in the preparation thereof. Lastly, the invention relates to functionalized polymers and polymer compositions containing the functionalized polymer.



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